

2020 Census 13. Non-ID Processing Operation (NID)

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Facilitation & Analysis: Lena Oleynikova
Model Preparation: Chidinma Oyedokun
Subject Matter Experts: Frank McPhillips, Dan Donello, Elizabeth (Meagan) Tydings, Steve Bainter, Kawaldeep Brar

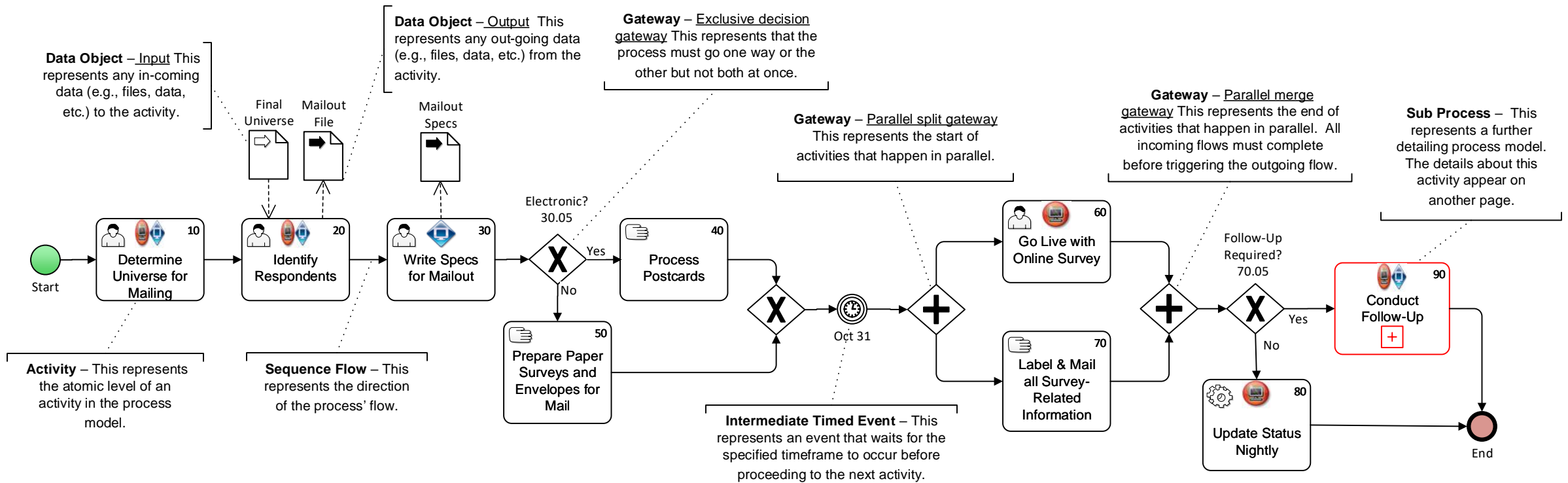
| Major Revision Change History | | | | |
|-------------------------------|---|-----------------|-----------|----------|
| Date | Description | Author | Version # | Page #'s |
| 12/31/2014 | Baselined Version 1.0 | Shay Alston | 1.0 | All |
| 04/24/2015 | Baselined Version 2.0 | Rosalyn Thomas | 2.0 | All |
| 08/14/2015 | Baselined Version 3.0 | Rosalyn Thomas | 3.0 | All |
| 12/18/2015 | Baselined Version 4.0 | Alex Spirer | 4.0 | All |
| 04/25/2016 | Baseline Version 5.0, for 2017 & PR Census Tests | Sherrell Goggin | 5.0 | 12 |
| 06/01/2016 | Minor revisions | Sherrell Goggin | 5.1 | 3,12 |
| 10/24/2016 | Add solution names to activity boxes | S. Goggin | 5.2 | All |
| 12/01/2016 | CR 137, change Fraud solution name | S. Goggin | 6.0 | 13 |
| 03/31/2017 | Changes do to CR 172 & CR 205 | K. Spotwood | 7.0 | 3,5-10 |
| 09/07/2017 | Minor updates to Perform Manual Non-ID Processing | K. Spotwood | 7.1 | 9-12 |
| 12/14/2017 | Updates per discussion with MITRE | K. Spotwood | 7.2 | All |
| 04/12/2018 | Updates to OBAV Minor updates toPerform Manual Non-ID Processing | C. Oyedokun | 7.3 | 8,9,11 |
| 06/26/2018 | CR 2528 | C. Oyedokun | 8.0 | 8,9,11 |
| 02/13/2019 | CR 7391 | C. Oyedokun | 9.0 | 8,9,11 |
| 01/06/2020 | Return code logic change, Annotation, Add QC to 40, | Keith Harmon | 9.1 | 3,11 |

Reading and Understanding the Model

Example Activity Model

BPM Purpose

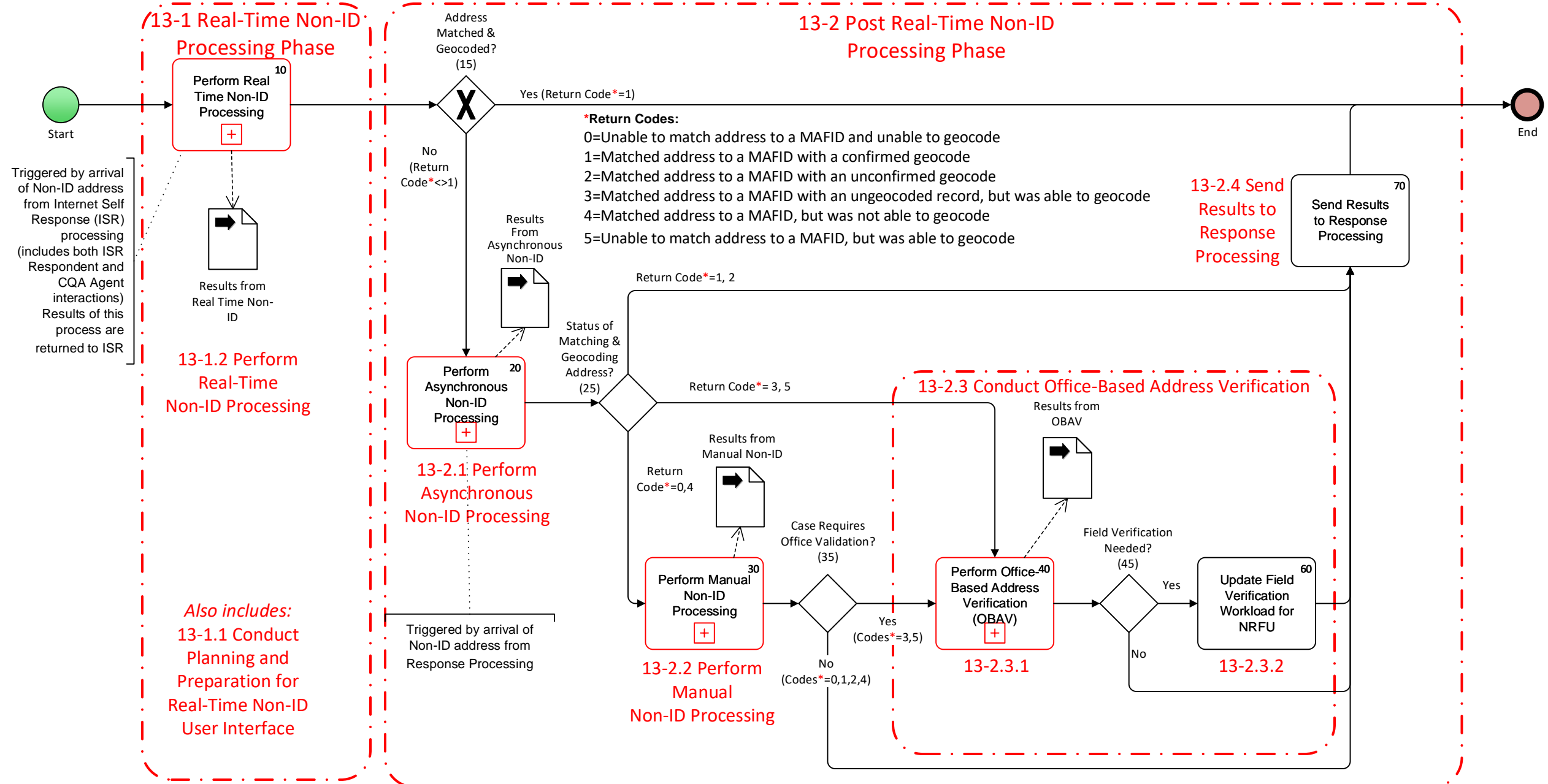
- Describe Census Operations business processes – activities, resources and key milestones
- Provide the details necessary for non-subject matter experts to understand the business process
- Contribute to the requirements development process
- Facilitate the linkage of business processes to IT capabilities
- Capture Operations inputs and outputs



| Key: | Activities | | | | | | Gateways | Data Objects | Other |
|-----------------------------------|--|--|--|--|--|--|--------------|--------------|----------------|
| Events | | | | | | | | | |
| Start: | | | | | | | Exclusive: | Input: | Sequence Flow: |
| End: | | | | | | | Parallel: | Output: | Association: |
| Intermediate Timed Event: | | | | | | | Event Based: | Data Store: | Annotation: |
| Flow continued on another page: | | | | | | | | | |
| Flow continued from another page: | | | | | | | | | |
| | Activities Activity at atomic level: Activity 10 Activity containing a sub process: Sub Process 20 Optional Activity Numbering: Activity 10, Sub Process 20 Note: If numbering, number by 10s to leave room for additional activities between initial activities, just in case they are needed. Activity involving: → USER interacting with a system or software: Activity → MANUAL activity (no system/software involved): Activity → SERVICE or batch processing: Activity → Any system developed specifically for Census' use: Activity → Both a system developed specifically for Census' use <u>and</u> COTS products: Activity → SENDING a message: Activity → RECEIVING a message: Activity → RECURRING steps: Activity → Any commercial-off-the-shelf (COTS) products: Activity | | | | | | | | |

2020 Census 13. Non-ID Processing Operation (NID)

Purpose: Make it easy for people to respond anytime, anywhere to increase self-response rates
by providing response options that do not require a unique Census ID.



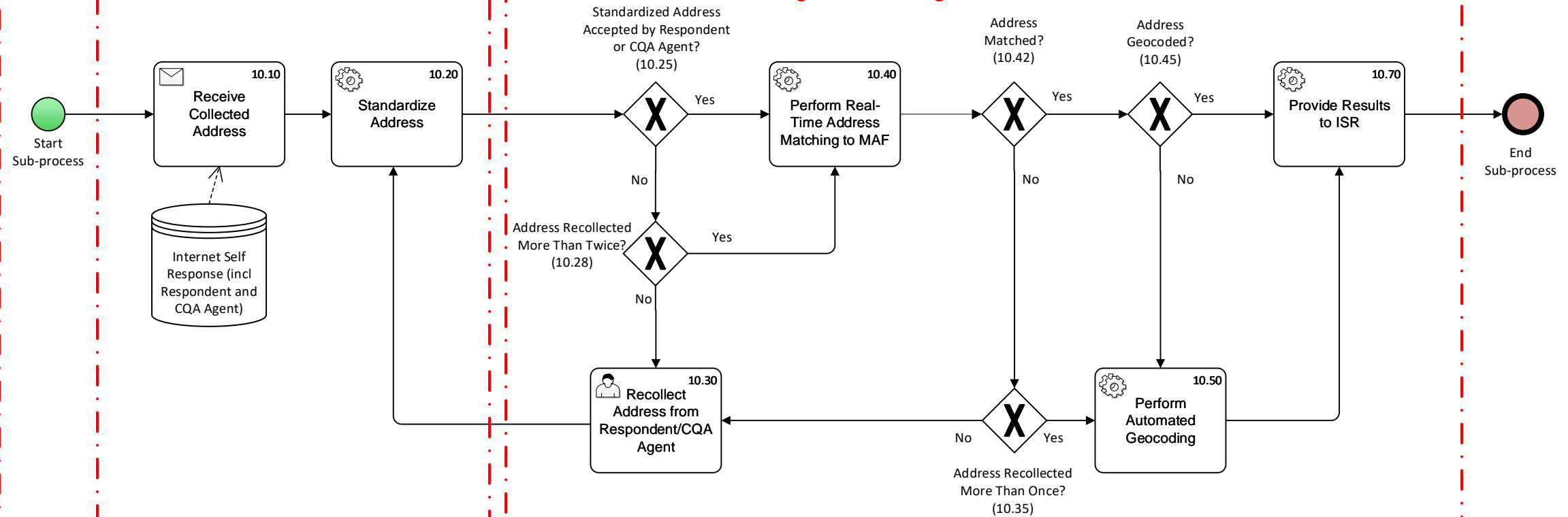
10 Perform Real-Time Non-ID Processing

Purpose: To match and geocode Non-ID addresses.

13-1.2 Perform Real-Time Non-ID Processing

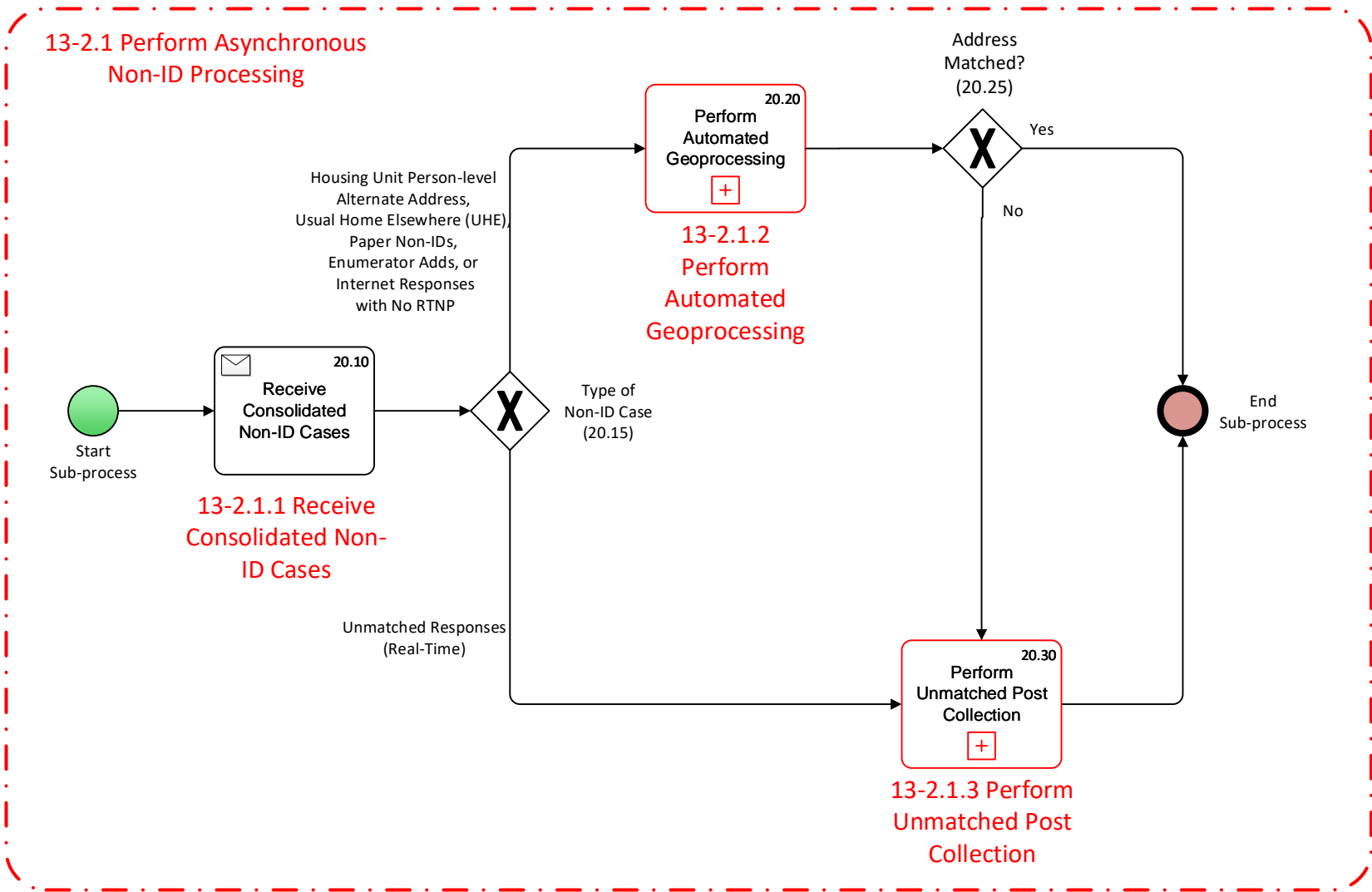
13-1.2.1 Perform Real-Time Address Standardization

13-1.2.2 Perform Real-Time Non-ID Matching and Geocoding



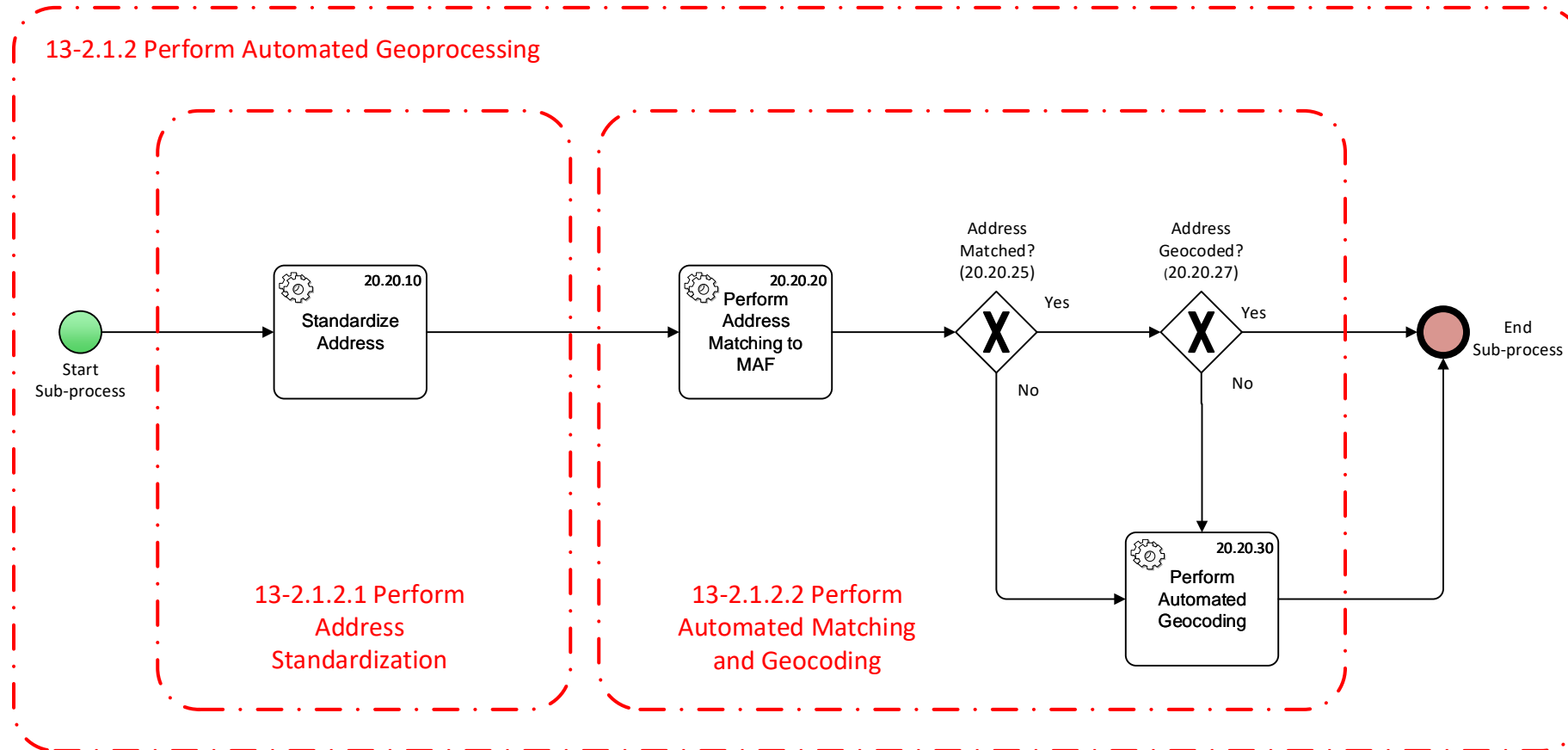
20 Perform Asynchronous Non-ID Processing

Purpose: To associate Census identification numbers with completed respondent-generated questionnaires that do not have a pre-assigned Census identification number, but do have a respondent-provided address. Includes in-house review and resolution.



20.20 Perform Automated Geoprocessing

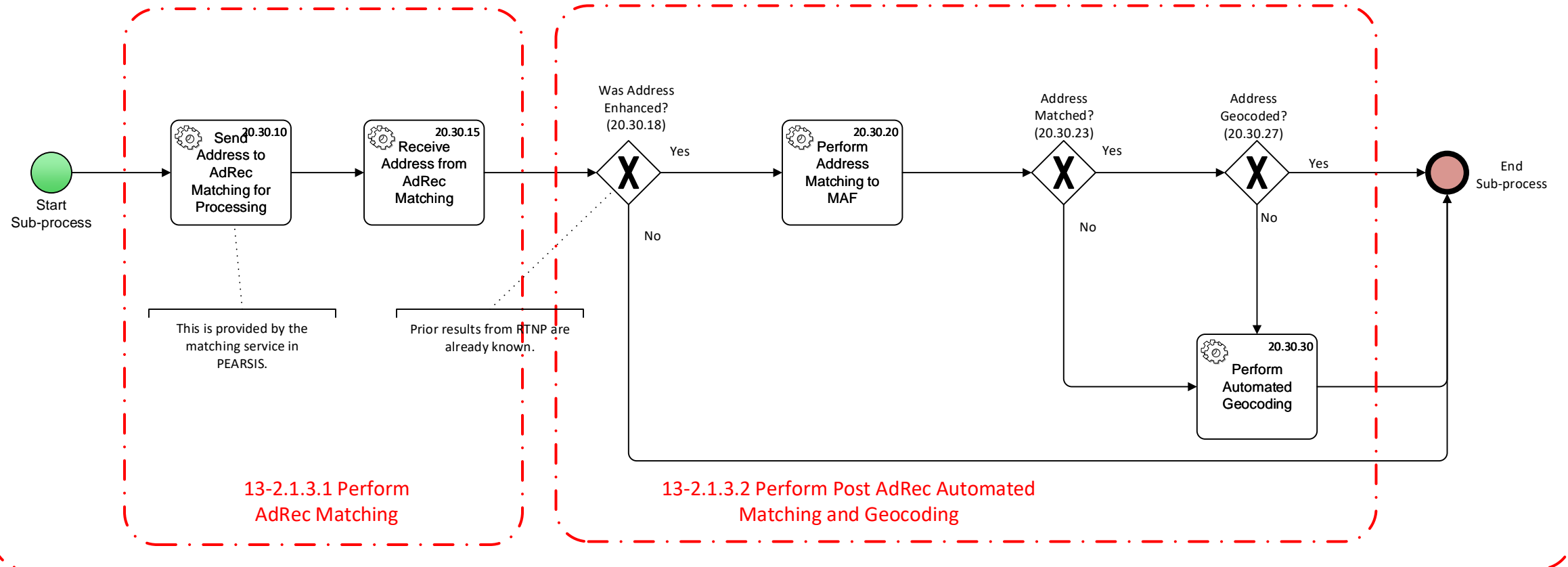
Purpose: To match and geocode addresses in batch mode (paper, enumerator, and Internet Response with no RTNP).



20.30 Perform Unmatched Post Collection

Purpose: To match and geocode unmatched responses.

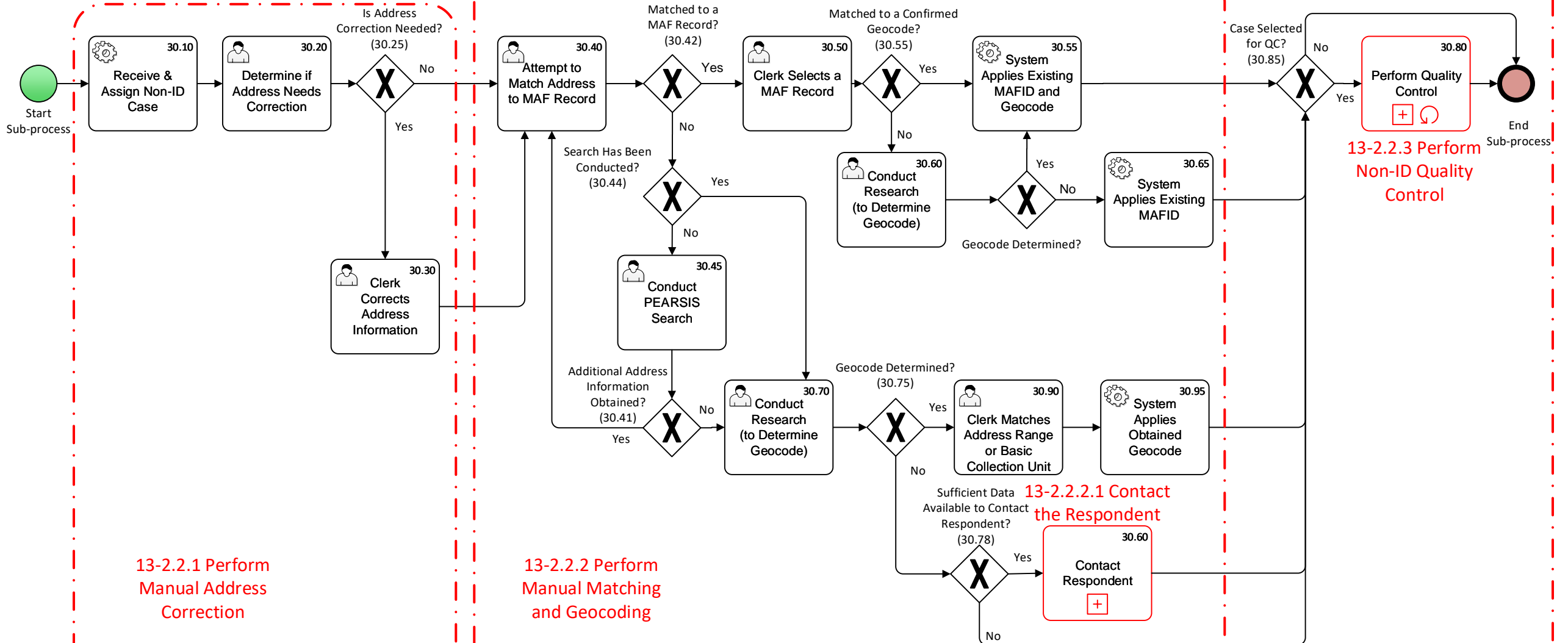
13-2.1.3 Perform Unmatched Post Collection



30 Perform Manual Non-ID Processing

Purpose: To document those processes needed to manual resolve ungeocoded responses.

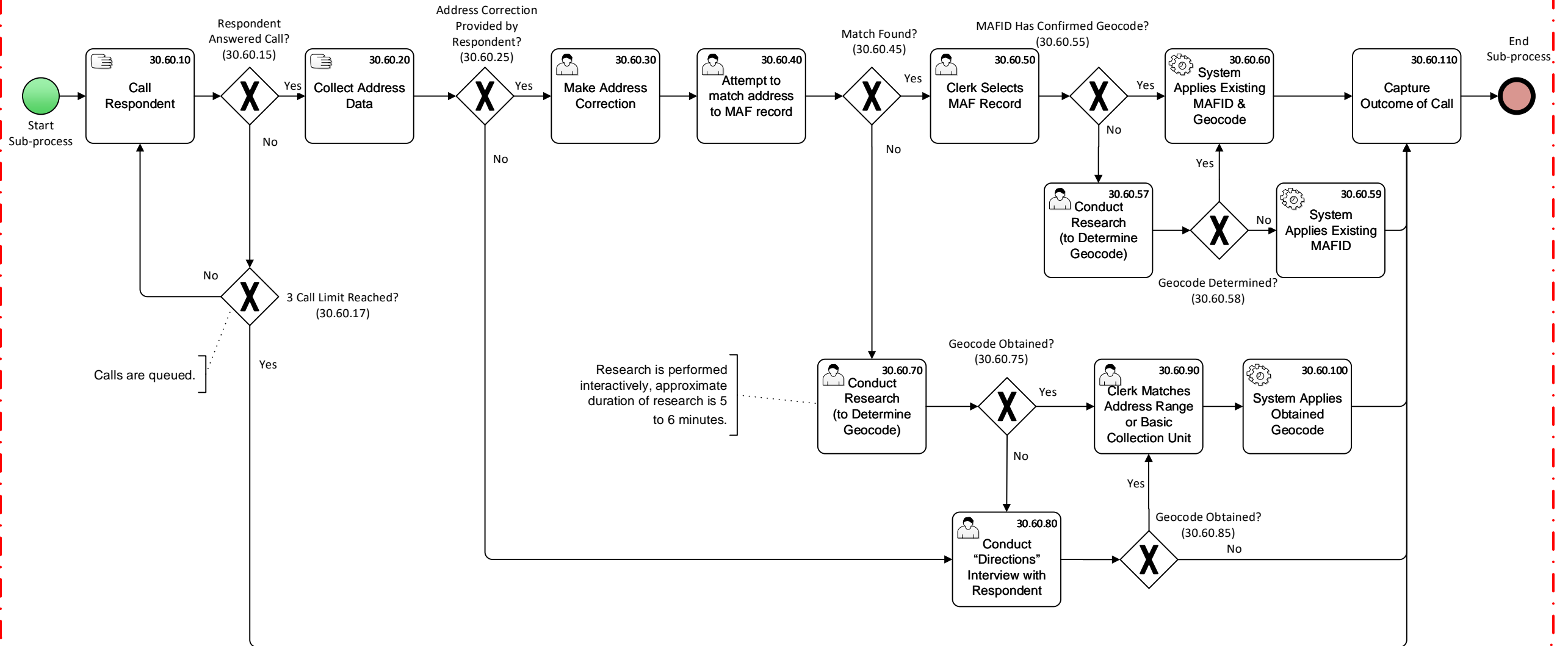
13-2.2 Perform Manual Non-ID Processing



30.60 Contact Respondent

Purpose: To resolve cases by reaching out to the respondent, if suitable contact information is available.

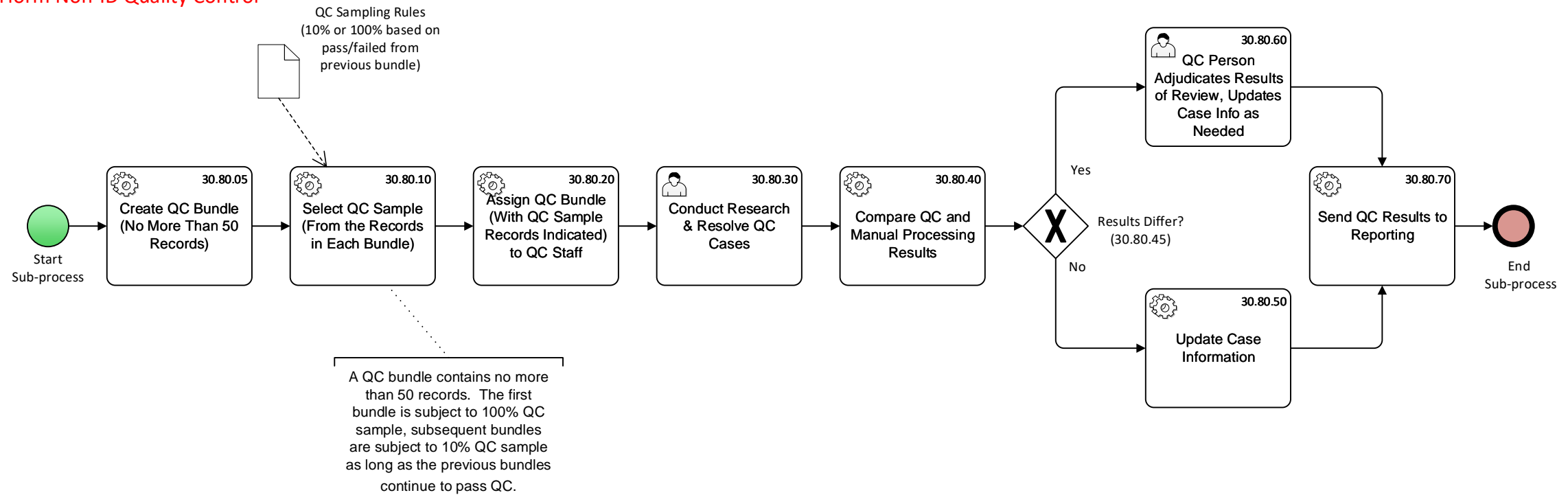
13-2.2.2.1 Contact the Respondent



30.80 Perform Quality Control

Purpose: To perform quality control activities for a selected number of cases.

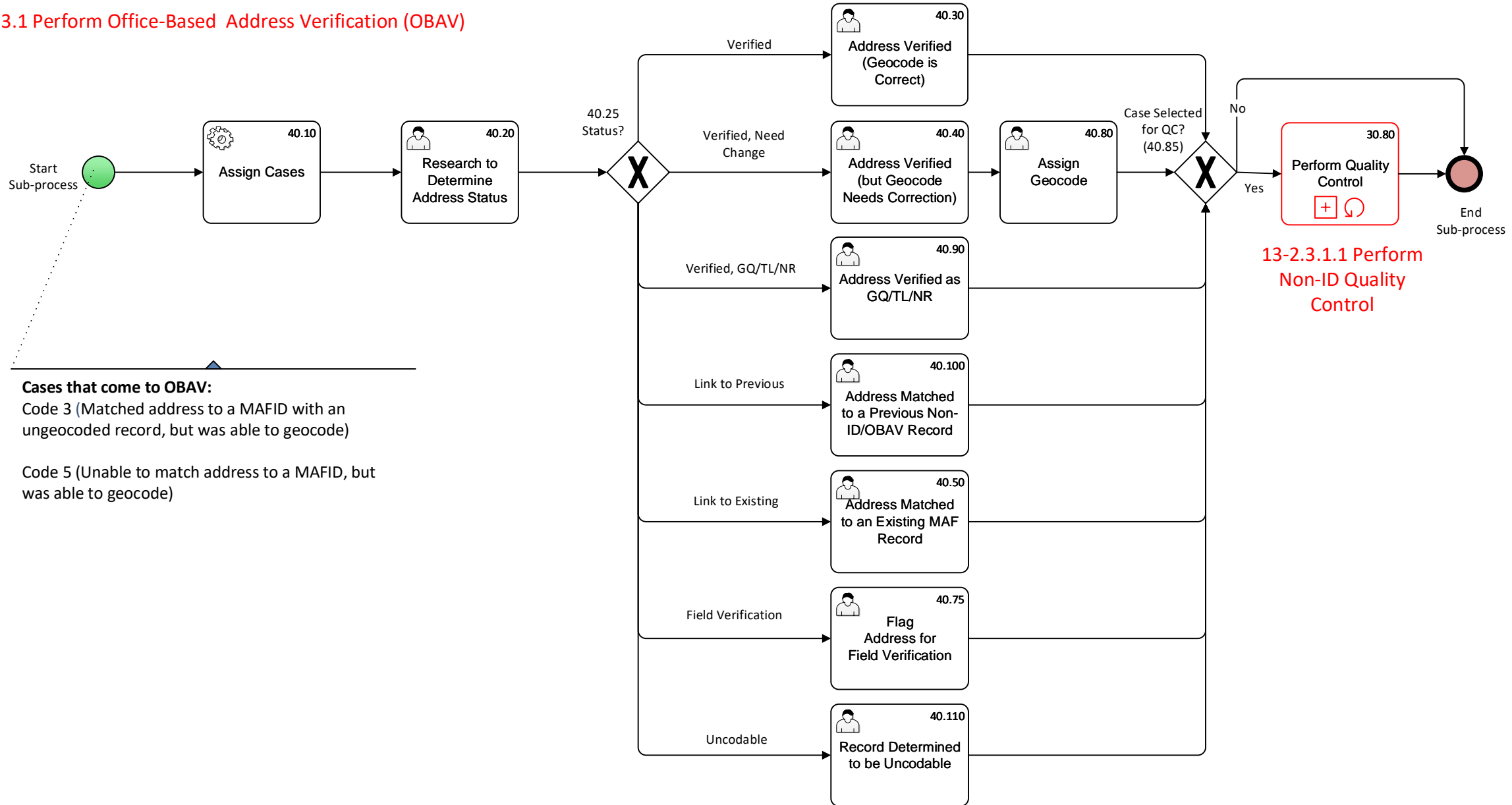
13-2.2.3 and 13-2.3.1.1 Perform Non-ID Quality Control



40 Perform Office-Based Address Verification (OBAV)

Purpose: To verify addresses and block geocodes in an office-based operation.

13-2.3.1 Perform Office-Based Address Verification (OBAV)



13-2.3.1.1 Perform Non-ID Quality Control